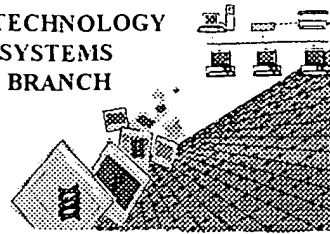


05 90
1115

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/026,106D
Source: ATP
Date Processed by STIC: 11/27/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



OIIPE

RAW SEQUENCE LISTING

DATE: 11/27/2002

PATENT APPLICATION: US/10/026,106D

TIME: 14:47:11

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\11272002\J026106D.raw

1 <110> APPLICANT: Renault, Jean-Christophe
 2 Fickensicher, Helmut
 3 Dumoutier, Laure
 4 Hor, Simon
 6 <120> TITLE OF INVENTION: Isolated Cytokine Receptor LICR-2
 8 <130> FILE REFERENCE: LUD 5752 NDH
 10 <140> CURRENT APPLICATION NUMBER: US/10/026,106D
 12 <141> CURRENT FILING DATE: 2002-11-01
 14 <160> NUMBER OF SEQ ID NOS: 19

Please ensure
file is saved
in ASCII text

format, per
sequence
rules

all M4

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

101 <210> SEQ ID NO: 8
 102 <211> LENGTH: 522
 103 <212> TYPE: PRT
 104 <213> ORGANISM: Homo sapiens
 W--> 105 <220> FEATURE:
 W--> 106 <400> SEQUENCE: 8
 107 Met Ala Gly Pro Glu Arg Trp Gly Pro Leu Leu Leu Cys Leu Leu Gln
 108 1 5 10 15
 109 Ala Ala Pro Gly Arg Pro Arg Leu Ala Pro Pro Gln Asn Val Thr Leu
 110 20 25 30
 111 Leu Ser Gln Asn Phe Ser Val Tyr Leu Thr Trp Leu Pro Gly Leu Gly
 112 35 40 45
 113 Asn Pro Gln Asp Val Thr Tyr Phe Val Ala Tyr Gln Ser Ser Pro Thr
 114 50 55 60
 115 Arg Arg Arg Trp Arg Glu Val Glu Glu Cys Ala Gly Thr Lys Glu Leu
 E--> 116 65 70 75 80
 E--> 117 Cys Ser Met Met Cys Leu Lys Lys Gln Asp Leu Tyr Asn Lys Phe
 E--> 118 85 90 95
 119 Lys Gly Arg Val Arg Thr Val Ser Pro Ser Ser Lys Ser Pro Trp Val
 E--> 120 100 105 110
 121 Glu Ser Glu Tyr Leu Asp Tyr Leu Phe Glu Val Glu Pro Ala Pro Pro
 E--> 122 115 120 125
 123 Val Leu Val Leu Thr Gln Thr Glu Glu Ile Leu Ser Ala Asn Ala Thr
 E--> 124 130 135 140
 125 Tyr Gln Leu Pro Pro Cys Met Pro Pro Leu Asp Leu Lys Tyr Glu Val
 E--> 126 145 150 155 160 Ala
 E--> 127 Phe Trp Lys Glu Gly Ala Gly Asn Lys Thr Leu Phe Pro Val Thr
 E--> 128 165 170 175
 129 Pro His Val Thr Pro His Gly Gln Pro Val Gln Ile Thr Leu Gln Pro
 E--> 130 180 185 190

delete 2207 if no 2217, 2227, or
2237 lines
are shown

This belongs
on next line
format
errors

RAW SEQUENCE LISTING

DATE: 11/27/2002

PATENT APPLICATION: US/10/026,106D

TIME: 14:47:11

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\11272002\J026106D.raw

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131 Ala Ala Ser Glu His His Cys Leu Ser Ala Arg Thr Ile Tyr Thr Phe
E--> 132      195      200      205
133 Ser Val Pro Lys Tyr Ser Lys Phe Ser Lys Pro Thr Cys Phe Leu Leu
E--> 134      210      215      220
135 Glu Val Pro Glu Ala Asn Trp Ala Phe Leu Val Leu Pro Ser Leu Leu
E--> 136 225      230      235      240
137 Ile Leu Leu Leu Val Ile Ala Ala Gly Gly Val Ile Trp Lys Thr Leu
E--> 138      245      250      255
139 Met Gly Asn Pro Trp Phe Gln Arg Ala Lys Met Pro Arg Ala Leu Asp
E--> 140      260      265      270
141 Phe Ser Gly His Thr Thr His Pro Val Ala Thr Phe Gln Pro Ser Arg
E--> 142      275      280      285
144 Pro Glu Ser Val Asn Asp Leu Phe Leu Cys Pro Gln Lys Glu Leu Thr
E--> 145      290      295      300
146 Arg Gly Val Arg Pro Thr Pro Arg Val Arg Pro Ala Thr Gln Gln Thr
E--> 147 305      310      315      320
148 Arg Trp Lys Lys Asp Leu Ala Glu Asp Glu Glu Glu Glu Asp Thr Glu
E--> 149      325      330      335
150 Asp Gly Val Ser Phe Gln Pro Tyr Ile Glu Pro Pro Ser Phe Leu Gly
E--> 151      340      345      350
152 Gln Glu His Gln Ala Pro Gly His Ser Glu Ala Gly Gly Val Asp Ser
E--> 153      355      360      365
154 Gly Arg Pro Arg Ala Pro Leu Val Pro Ser Glu Gly Ser Ser Ala Trp
E--> 155      370      375      380
156 Asp Ser Ser Asp Arg Ser Trp Ala Ser Thr Val Asp Ser Ser Trp Asp
E--> 157 385      390      395      400
158 Arg Ala Gly Ser Ser Gly Tyr Leu Ala Glu Lys Gly Pro Gly Gln Gly
E--> 159      405      410      415
160 Pro Gly Gly Asp Gly His Gln Glu Ser Leu Pro Pro Pro Glu Phe Ser
E--> 161      420      425      430
162 Lys Asp Ser Gly Phe Leu Glu Glu Leu Pro Glu Asp Asn Leu Ser Ser
E--> 163      435      440      445
164 Trp Ala Thr Trp Gly Thr Leu Pro Pro Glu Pro Pro Asn Leu Val Pro
E--> 165      450      455      460
166 Gly Gly Pro Pro Val Ser Leu Gln Thr Leu Thr Phe Cys Trp Glu Ser
E--> 167 465      470      475      480
168 Ser Pro Glu Glu Glu Glu Glu Ala Arg Glu Ser Glu Ile Glu Asp Ser
E--> 169      485      490      495
170 Asp Ala Gly Ser Trp Gly Ala Glu Ser Thr Gln Arg Thr Glu Asp Arg
E--> 171      500      505
E--> 172 Gly Arg Thr Leu Gly His Tyr Met Ala Arg
210 <210> SEQ ID NO: 10
211 <211> LENGTH: 244
212 <212> TYPE: PRT
213 <213> ORGANISM: Homo sapiens
W--> 214 <220> FEATURE:
W--> 215 <400> SEQUENCE: 10
217 Met Ala Gly Pro Glu Arg Trp Gly Pro Leu Leu Leu Cys Leu Leu Gln
218 1 5 10 15

```

↑ (515) (510) (520)
 insert hard return, so amino acid
 numbers under
 their proper amino acids

RAW SEQUENCE LISTING

DATE: 11/27/2002

PATENT APPLICATION: US/10/026,106D

TIME: 14:47:11

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\11272002\J026106D.raw

```

219 Ala Ala Pro Gly Arg Pro Arg Leu Ala Pro Pro Gln Asn Val Thr Leu
220          20          25          30
221 Leu Ser Gln Asn Phe Ser Val Tyr Leu Thr Trp Leu Pro Gly Leu Gly
222          35          40          45
223 Asn Pro Gln Asp Val Thr Tyr Phe Val Ala Tyr Gln Ser Ser Pro Thr
224          50          55          60
225 Arg Arg Arg Trp Arg Glu Val Glu Glu Cys Ala Gly Thr Lys Glu Leu
E--> 226 65          70          75          80
E--> 227 Cys Ser Met Met Cys Leu Lys Lys Gln Asp Leu Tyr Asn Lys Phe
E--> 228          85          90          95
229 Lys Gly Arg Val Arg Thr Val Ser Pro Ser Ser Lys Ser Pro Trp Val
E--> 230          100          105          110
231 Glu Ser Glu Tyr Leu Asp Tyr Leu Phe Glu Val Glu Pro Ala Pro Pro
E--> 232          115          120          125
233 Val Leu Val Leu Thr Gln Thr Glu Glu Ile Leu Ser Ala Asn Ala Thr
E--> 234          130          135          140
235 Tyr Gln Leu Pro Pro Cys Met Pro Pro Leu Asp Leu Lys Tyr Glu Val
E--> 236 145          150          155          160
237 Ala Phe Trp Lys Glu Gly Ala Gly Asn Lys Thr Leu Phe Pro Val Thr
E--> 239          165          170          175
240 Pro His Gly Gln Pro Val Gln Ile Thr Leu Gln Pro Ala Ala Ser Glu
E--> 241          180          185          190
242 His His Cys Leu Ser Ala Arg Thr Ile Tyr Thr Phe Ser Val Pro Lys
E--> 243          195          200          205
244 Tyr Ser Lys Phe Ser Lys Pro Thr Cys Phe Leu Leu Glu Val Pro Gly
E--> 245          210          215          220
246 Leu Phe Trp Thr His Thr Pro Cys Gly Asn Leu Ser Ala Gln Gln Thr
E--> 247 225          230          235          240
248 Arg Val Arg Glu

```

Leu

format
error

6/026,1060 4

<400> 19
cactgcattc tagttgtggt

20

delete

#25146753v1<IPT> -;lud 5752 sequence listing.wpd
#25146753v1<IPT> -;lud 5752 sequence listing.wpd

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/026,106D

DATE: 11/27/2002

TIME: 14:47:12

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\11272002\J026106D.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
 L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:20 M:283 W: Missing Blank Line separator, <220> field identifier
 L:21 M:283 W: Missing Blank Line separator, <400> field identifier
 L:28 M:283 W: Missing Blank Line separator, <220> field identifier
 L:29 M:283 W: Missing Blank Line separator, <400> field identifier
 L:36 M:283 W: Missing Blank Line separator, <220> field identifier
 L:37 M:283 W: Missing Blank Line separator, <400> field identifier
 L:44 M:283 W: Missing Blank Line separator, <220> field identifier
 L:45 M:283 W: Missing Blank Line separator, <400> field identifier
 L:52 M:283 W: Missing Blank Line separator, <220> field identifier
 L:53 M:283 W: Missing Blank Line separator, <400> field identifier
 L:60 M:283 W: Missing Blank Line separator, <220> field identifier
 L:61 M:283 W: Missing Blank Line separator, <400> field identifier
 L:68 M:283 W: Missing Blank Line separator, <220> field identifier
 L:69 M:283 W: Missing Blank Line separator, <400> field identifier
 L:105 M:283 W: Missing Blank Line separator, <220> field identifier
 L:106 M:283 W: Missing Blank Line separator, <400> field identifier
 L:116 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
 L:116 M:333 E: Wrong sequence grouping, Amino acids not in groups!
 M:332 Repeated in SeqNo=8
 L:172 M:252 E: No. of Seq. differs, <211> LENGTH:Input:522 Found:512 SEQ:8
 L:178 M:283 W: Missing Blank Line separator, <220> field identifier
 L:179 M:283 W: Missing Blank Line separator, <400> field identifier
 L:214 M:283 W: Missing Blank Line separator, <220> field identifier
 L:215 M:283 W: Missing Blank Line separator, <400> field identifier
 L:226 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:10
 L:226 M:333 E: Wrong sequence grouping, Amino acids not in groups!
 M:332 Repeated in SeqNo=10
 L:254 M:283 W: Missing Blank Line separator, <220> field identifier
 L:255 M:283 W: Missing Blank Line separator, <400> field identifier
 L:262 M:283 W: Missing Blank Line separator, <220> field identifier
 L:263 M:283 W: Missing Blank Line separator, <400> field identifier
 L:270 M:283 W: Missing Blank Line separator, <220> field identifier
 L:271 M:283 W: Missing Blank Line separator, <400> field identifier
 L:278 M:283 W: Missing Blank Line separator, <220> field identifier
 L:279 M:283 W: Missing Blank Line separator, <400> field identifier
 L:288 M:283 W: Missing Blank Line separator, <220> field identifier
 L:289 M:283 W: Missing Blank Line separator, <400> field identifier
 L:296 M:283 W: Missing Blank Line separator, <220> field identifier
 L:297 M:283 W: Missing Blank Line separator, <400> field identifier
 L:304 M:283 W: Missing Blank Line separator, <220> field identifier
 L:305 M:283 W: Missing Blank Line separator, <400> field identifier
 L:312 M:283 W: Missing Blank Line separator, <220> field identifier
 L:313 M:283 W: Missing Blank Line separator, <400> field identifier
 L:320 M:283 W: Missing Blank Line separator, <220> field identifier
 L:321 M:283 W: Missing Blank Line separator, <400> field identifier
 L:330 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/026,106D

DATE: 11/27/2002

TIME: 14:47:12

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\11272002\J026106D.raw

L:332 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:19

L:332 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5